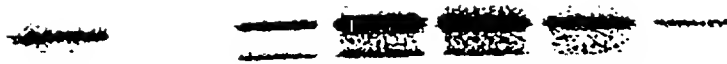
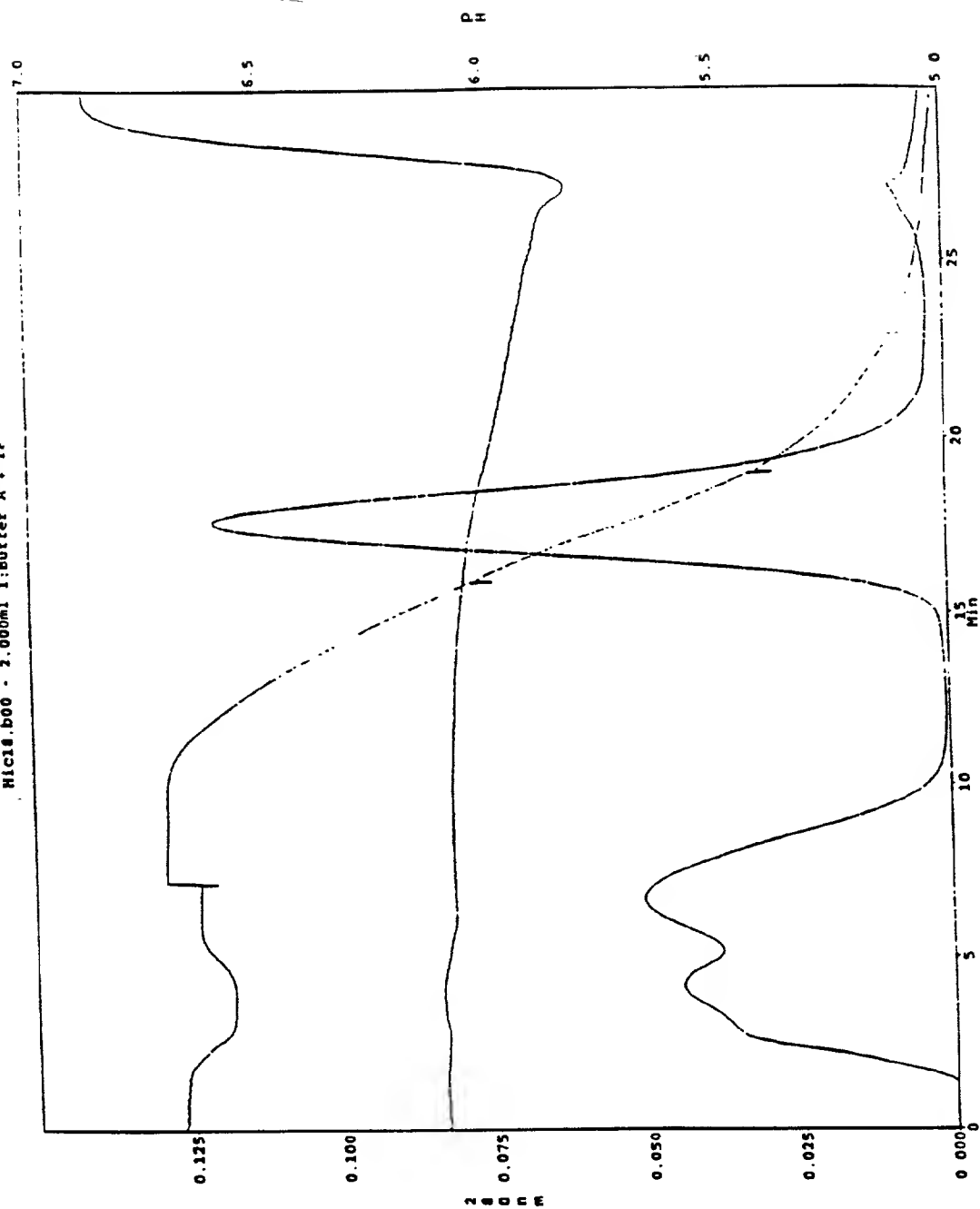


[illegible]

•

H1C18.b00 - 2.000ml 1:Buffer A + TF



•

HIC10.b01 - 2.000ml 1:Buffer A + TF

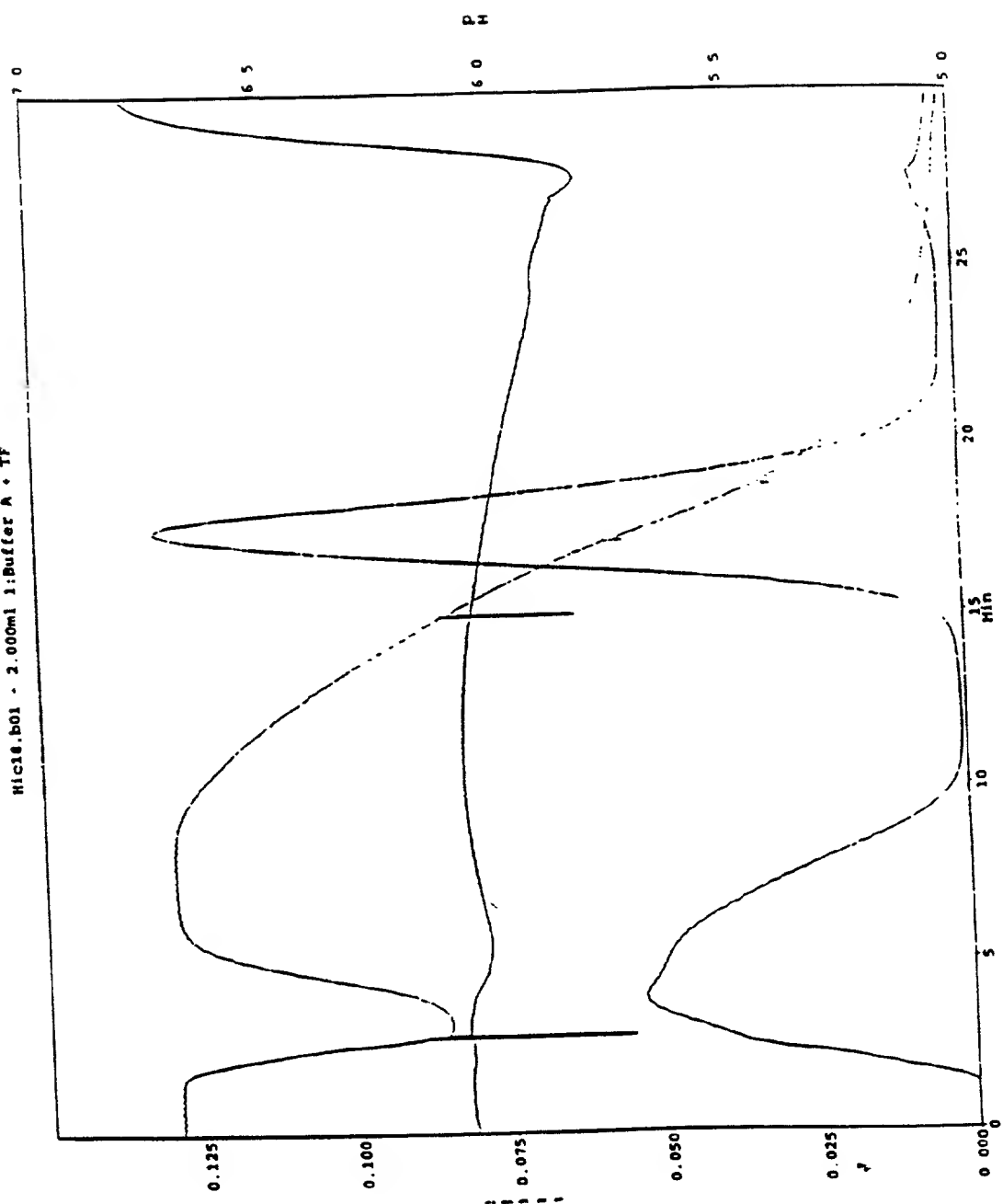


FIGURE 3

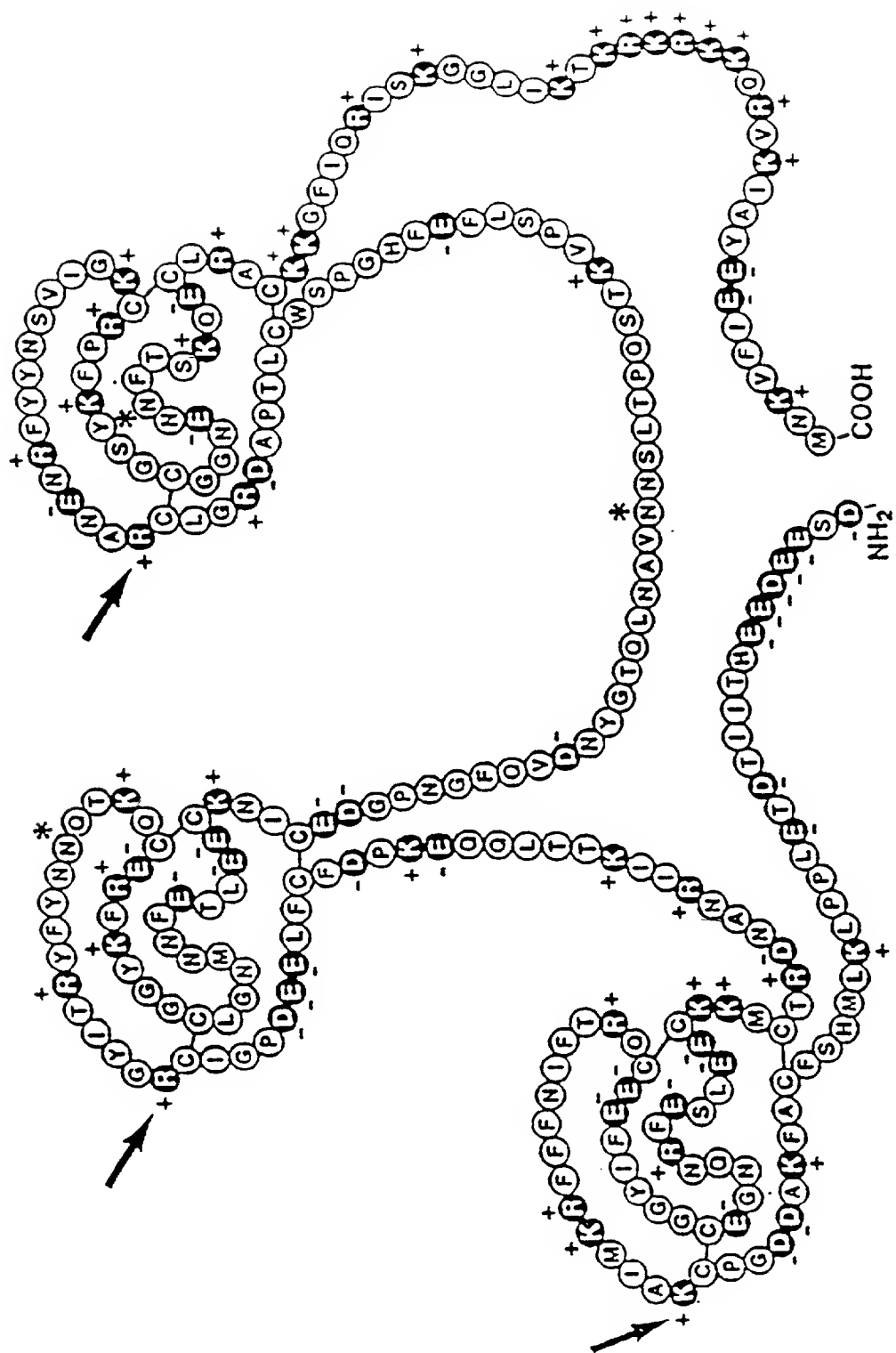


FIGURE 4

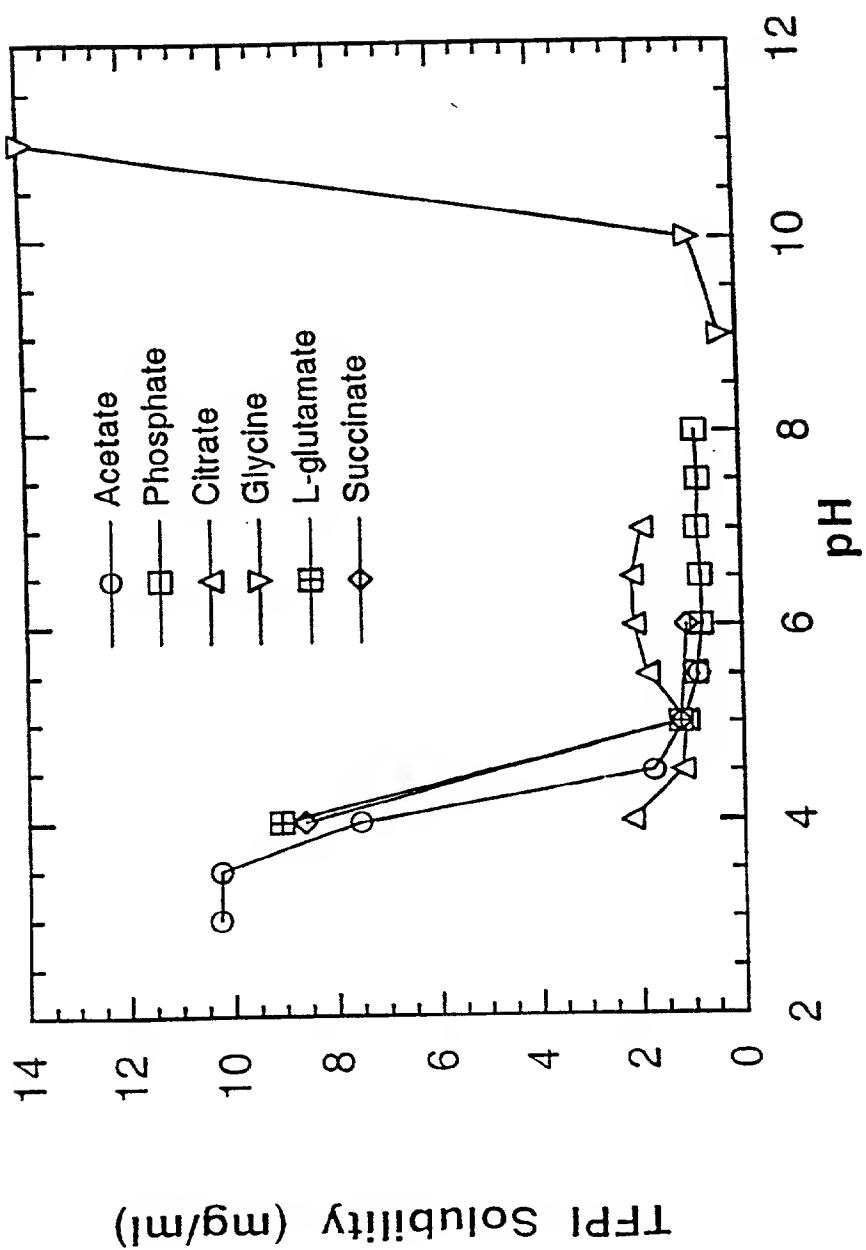


FIGURE 5

FIGURE 6

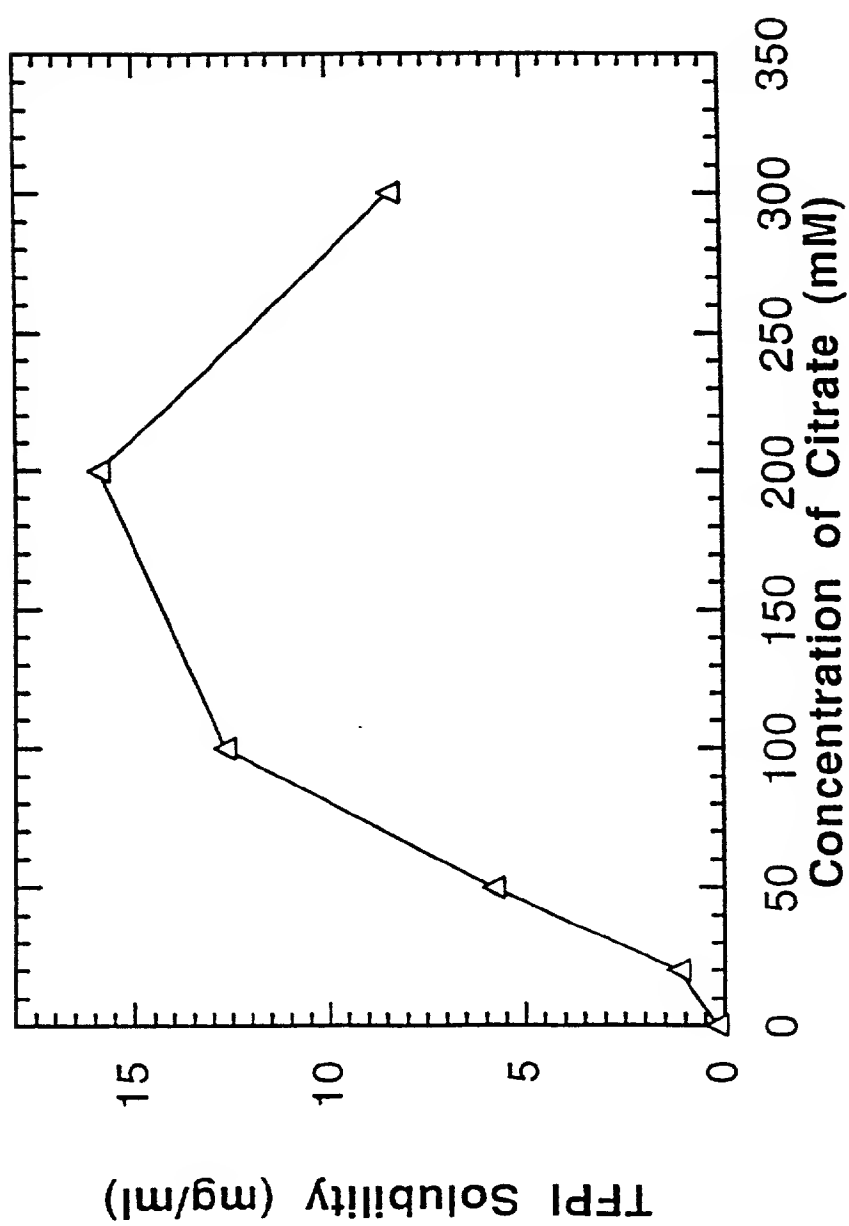
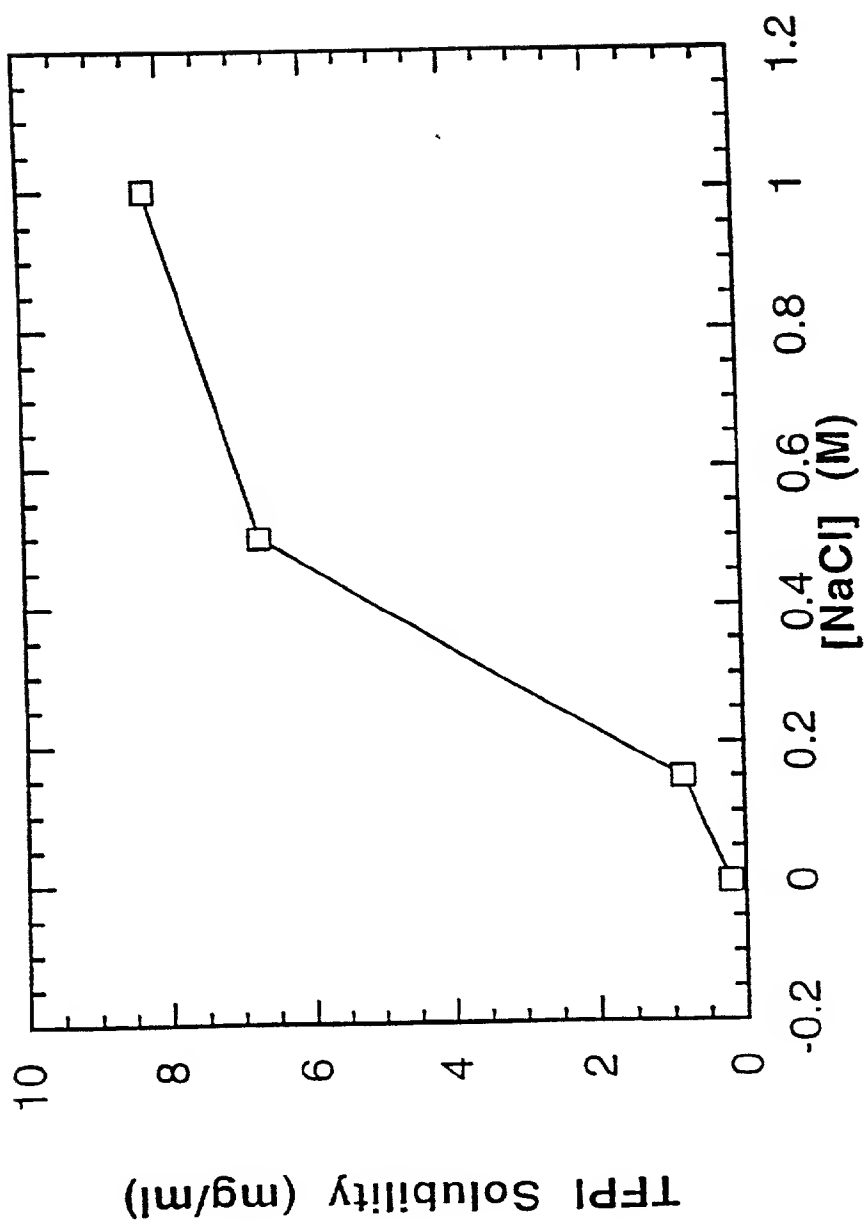
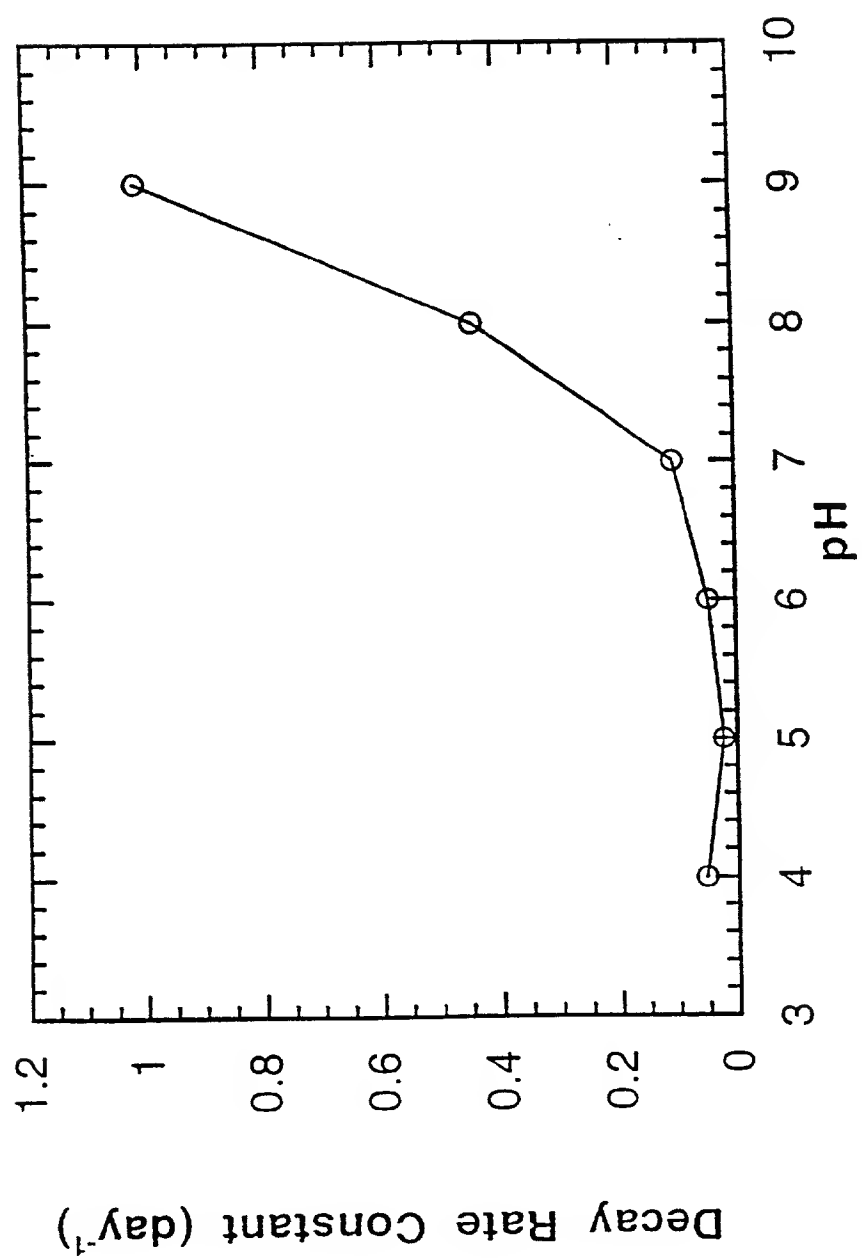


FIGURE 7





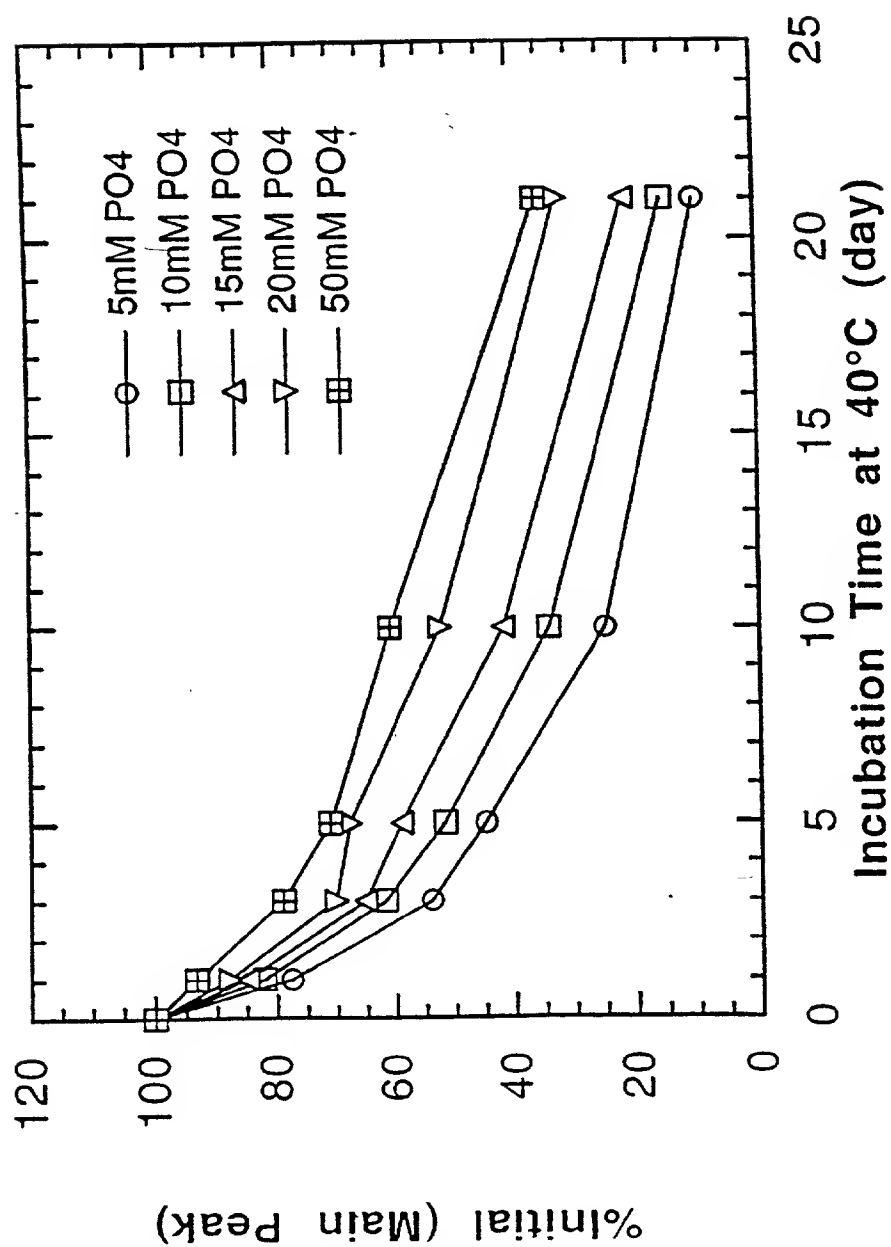


FIGURE 9 A

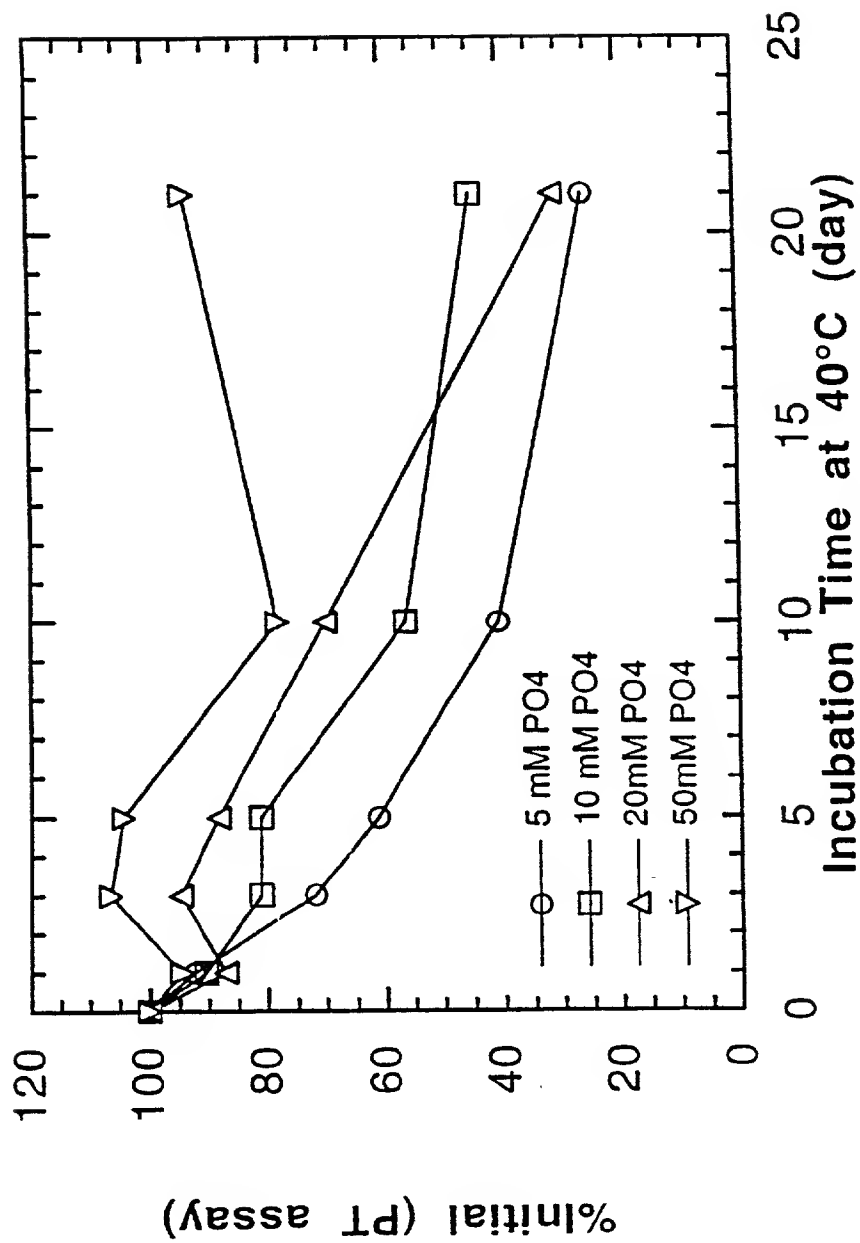


FIGURE 9B

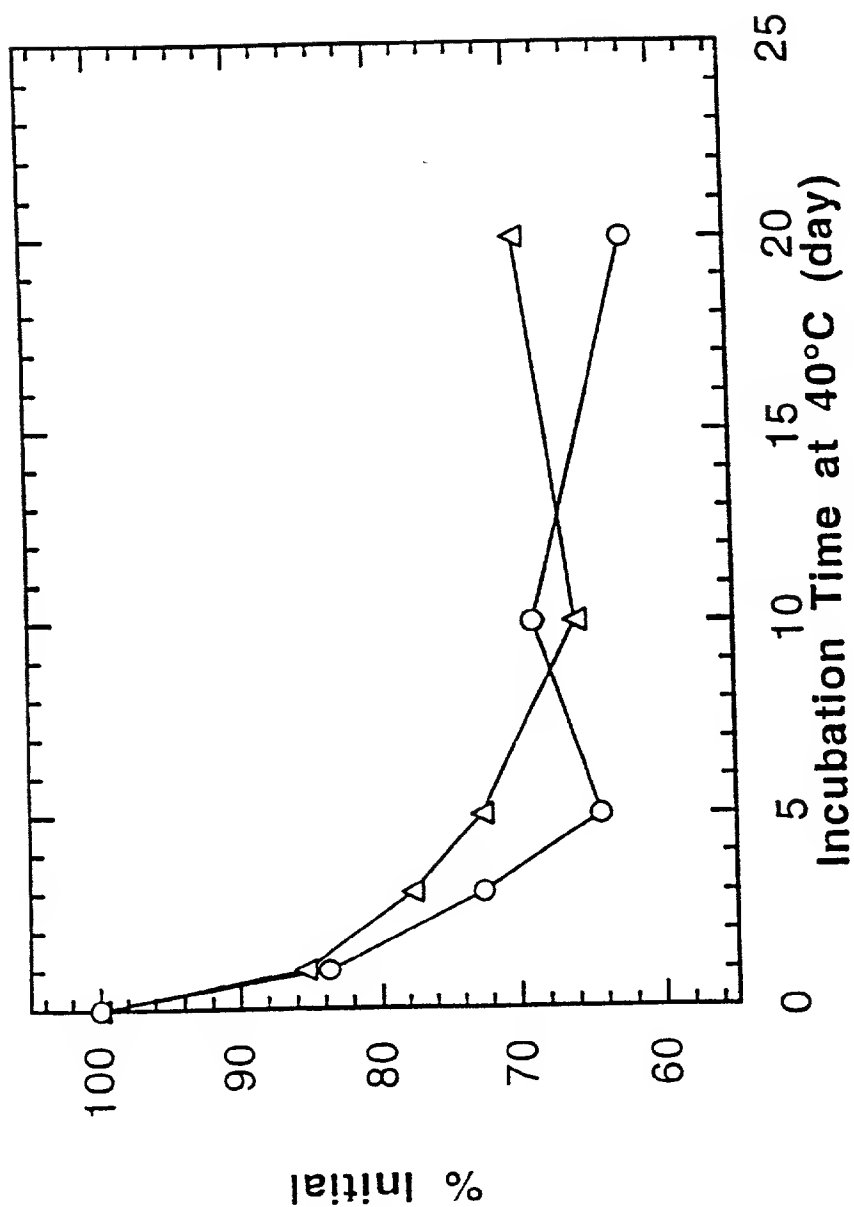


FIGURE 10

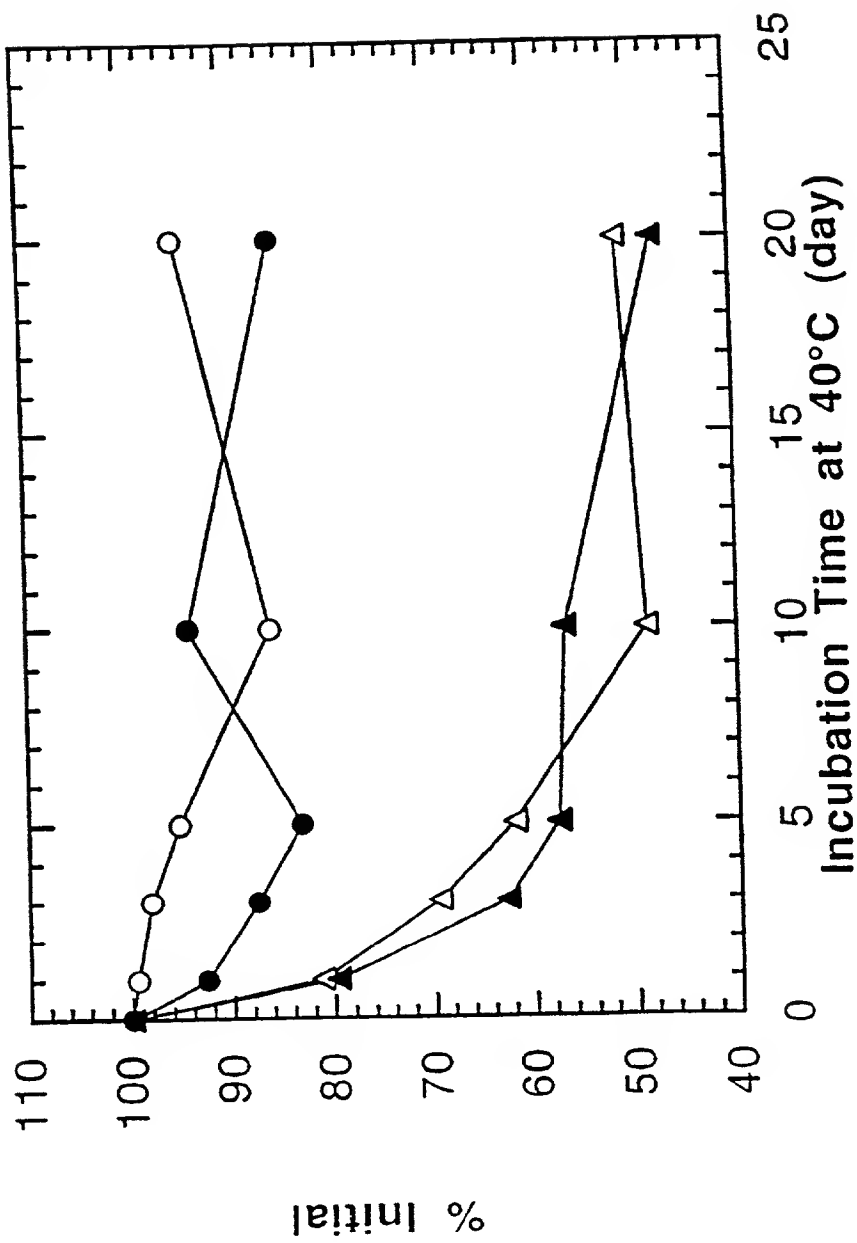


FIGURE 11

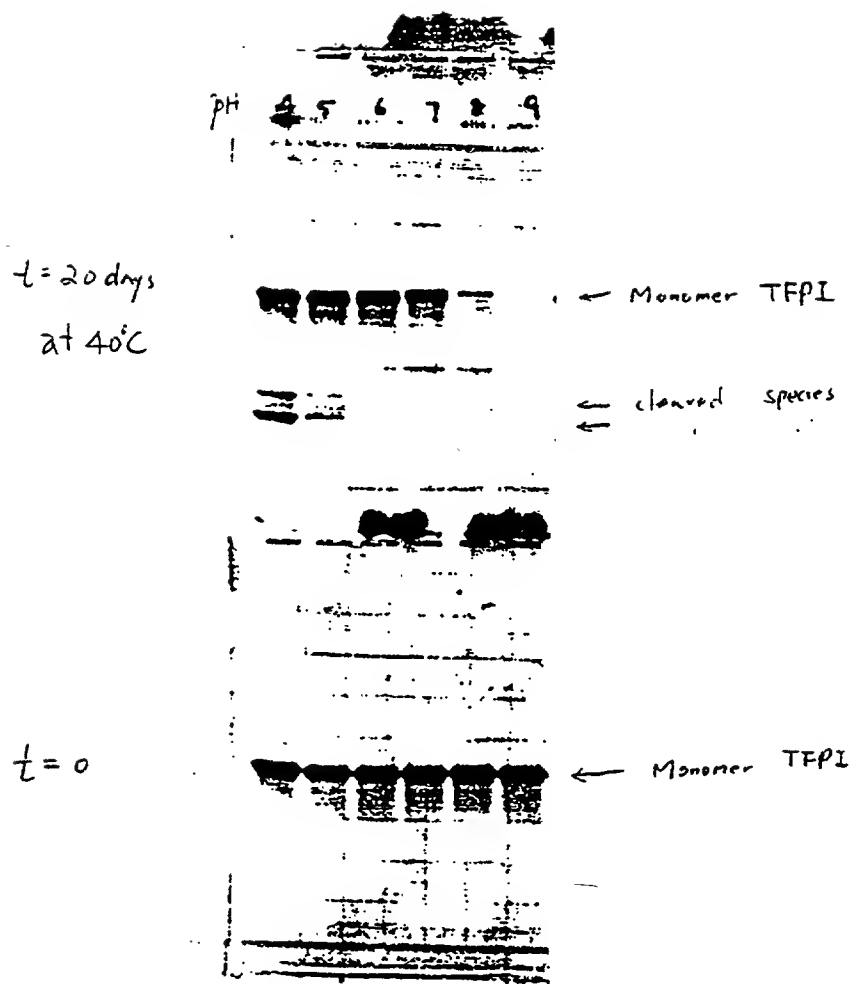
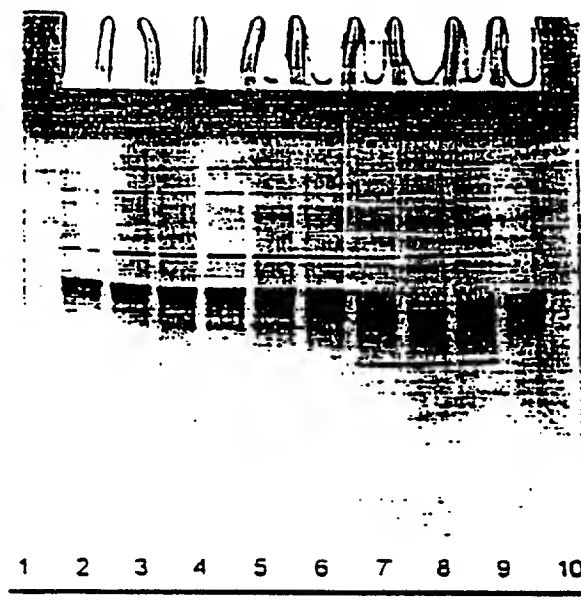


FIGURE 13

Non-reducing SDS-PAGE analysis of polyphosphate refold timepoints.



Lane #	Lane Description
1	Dissolved refractile bodies
2	T ₀ hour
3	T ₁₈ hour
4	T ₂₁ hour
5	T ₂₅ hour
6	T ₄₃ hour
7	T ₆₆ hour
8	T ₉₀ hour
9	T ₉₆ hour
10	SC-59735

FIGURE 14

Sepharose gradient elution of polyphosphate refold from run #
41295.

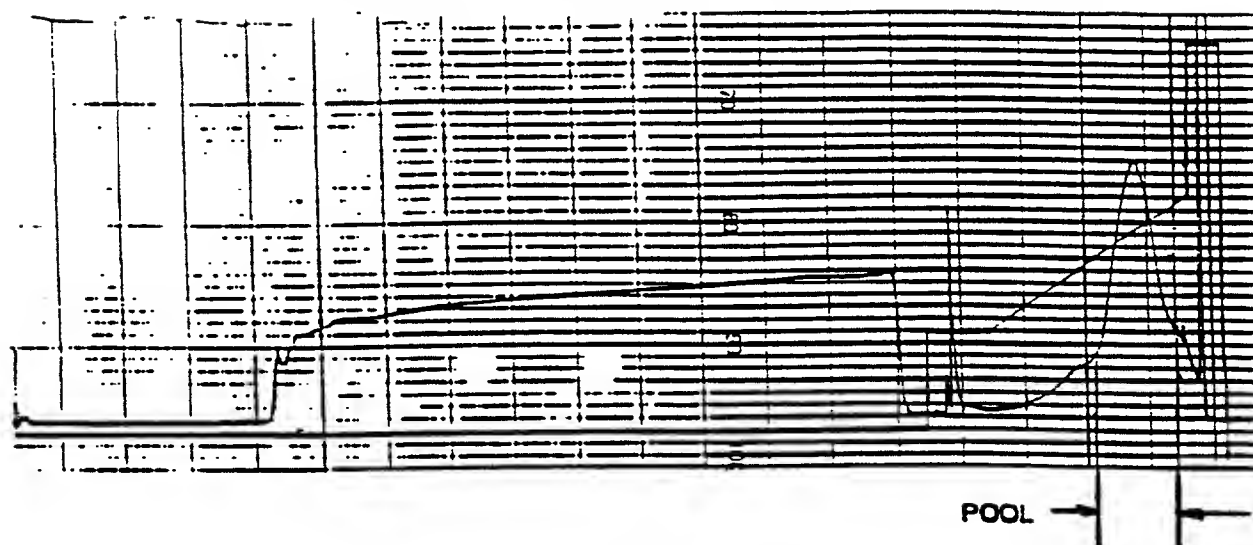


FIGURE 15

Sepharose gradient elution of polyphosphate refold from run #
41295.

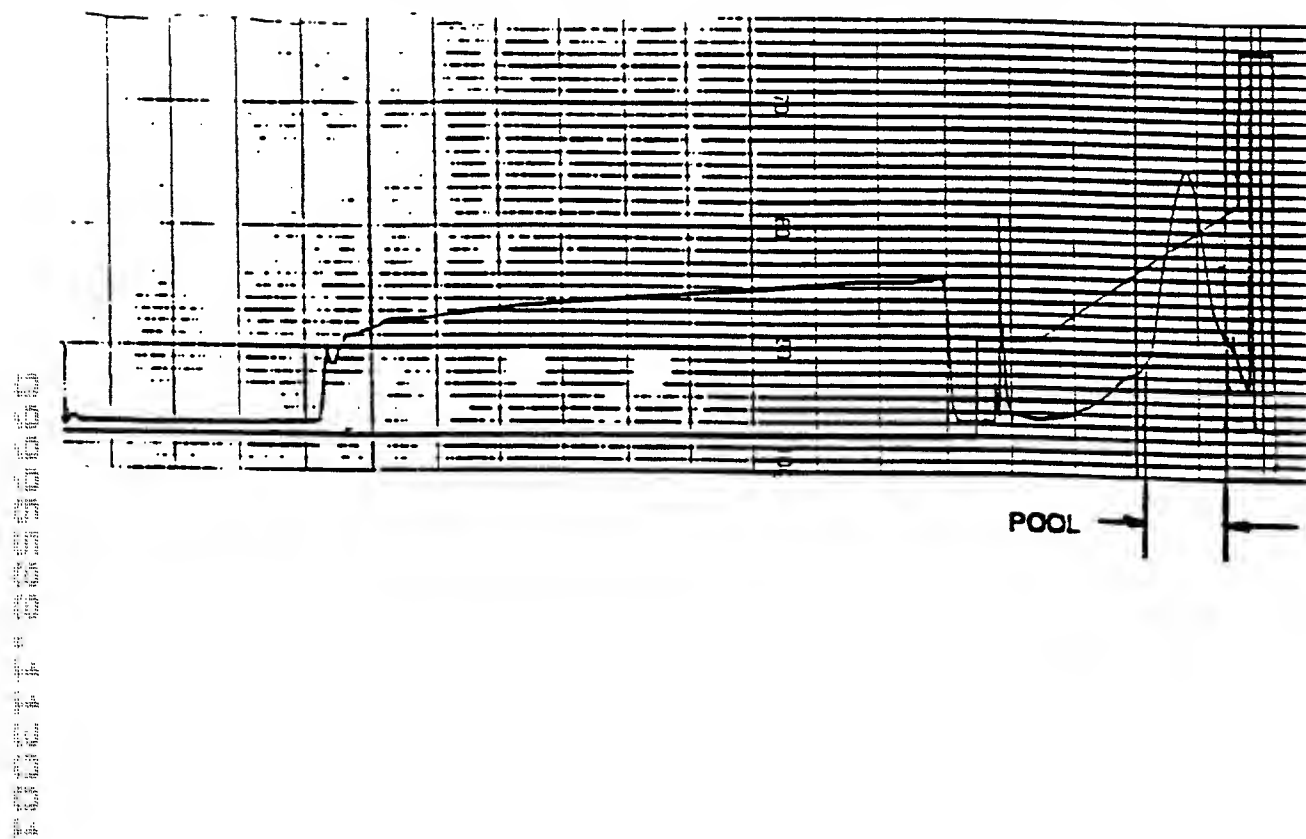


FIGURE 15

Non-reducing SDS-PAGE analysis of SP-Sepharose fractions

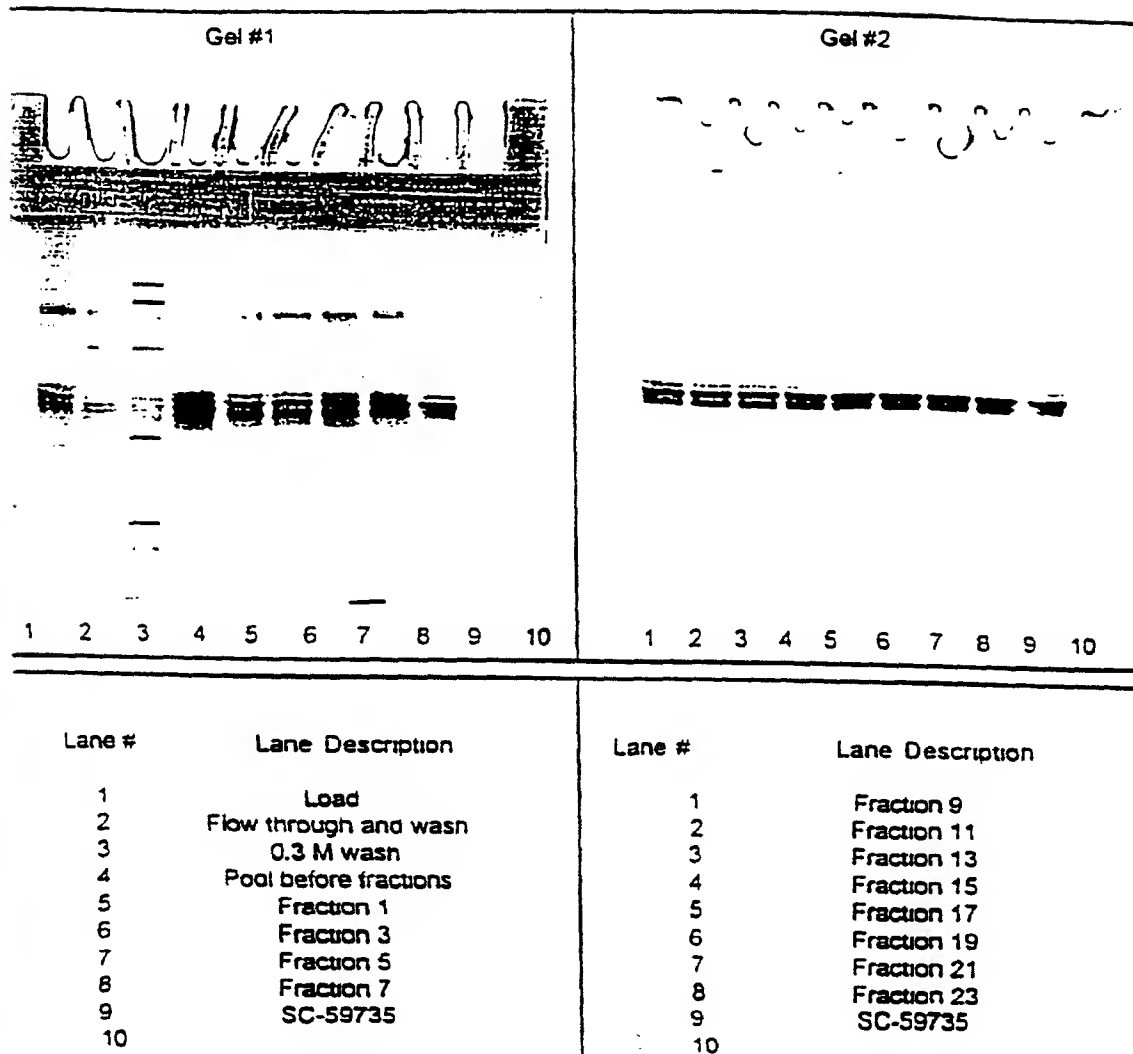
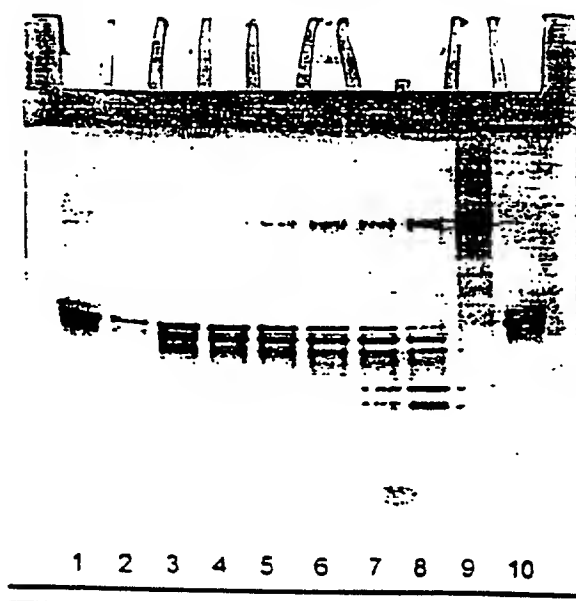


FIGURE 16 A

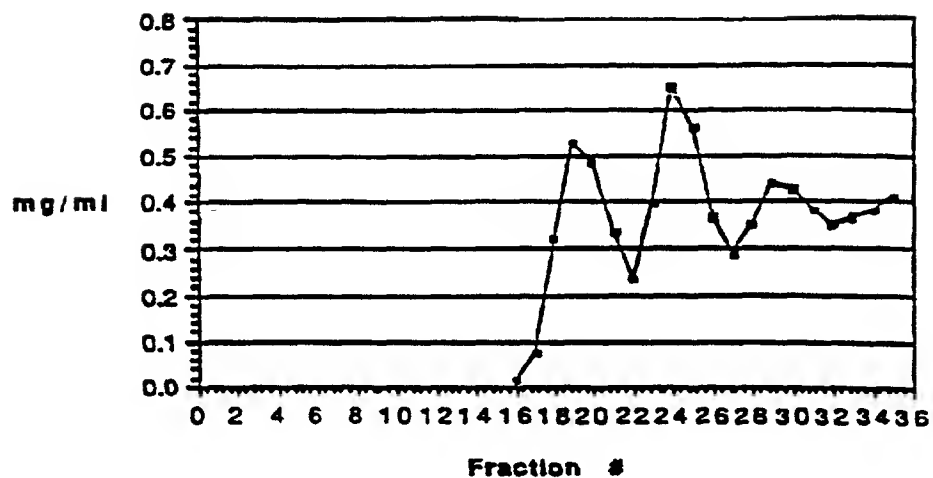
Non-reducing SDS-PAGE analysis of SP-Sepharose fractions.



Lane #	Lane Description
1	Fraction 25
2	Fraction 27
3	Fraction 29
4	Fraction 31
5	Fraction 33
6	Fraction 35
7	Fraction 37
8	Fraction 39
9	1.0M elution
10	SC-59735

FIGURE 16B

Q-Sepharose elution profile for polyphosphatase refold.



Aggregate content of Q-Sepharose fractions from 100 liter polyphosphate refold.

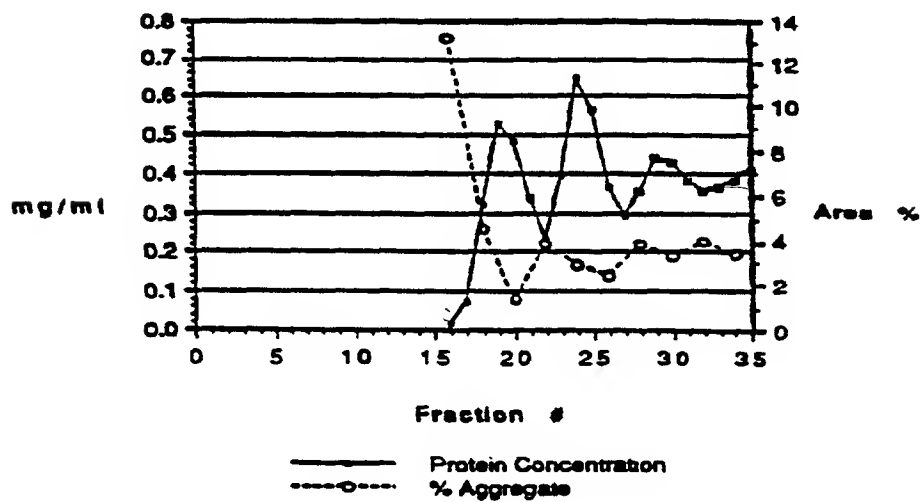


FIGURE 17

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions.

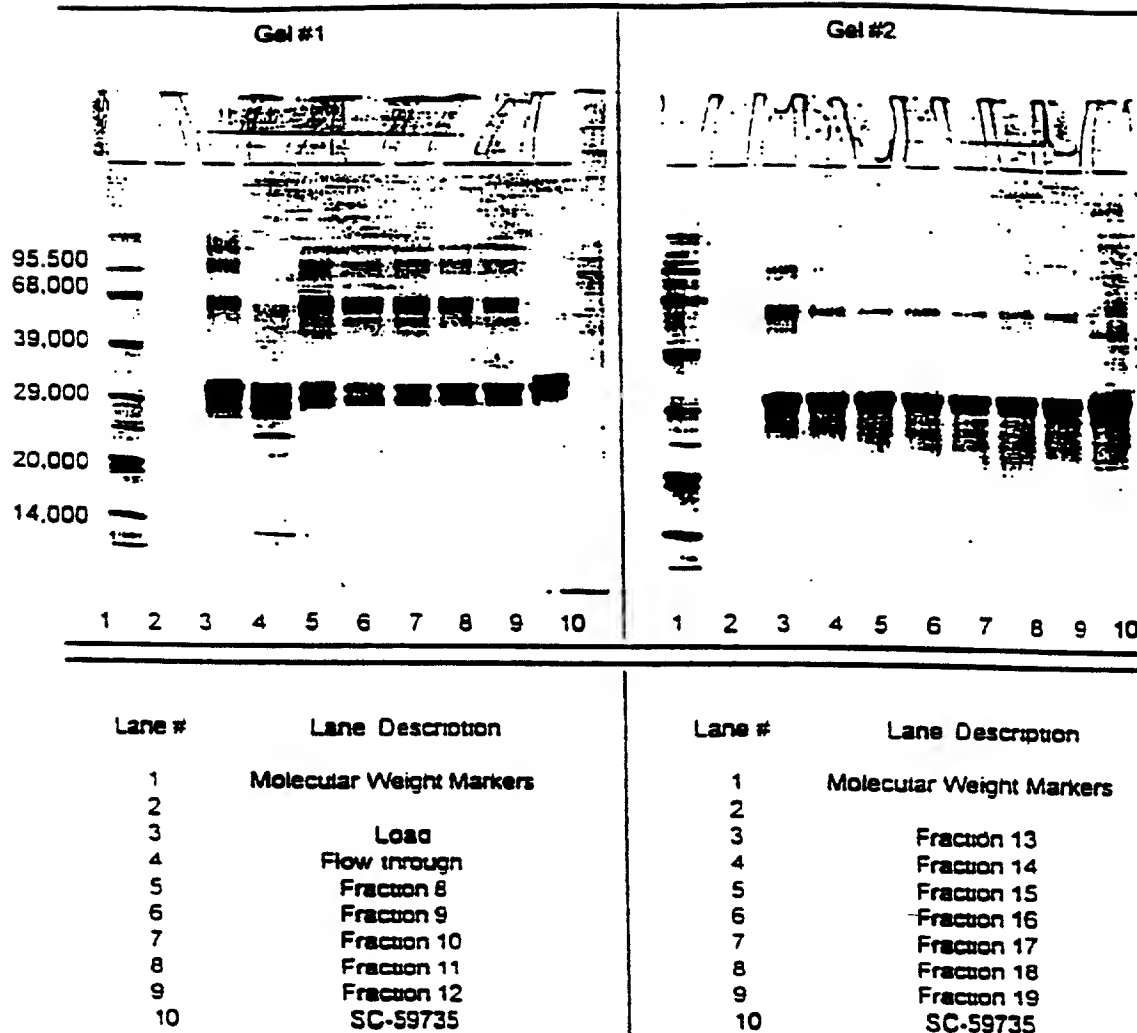
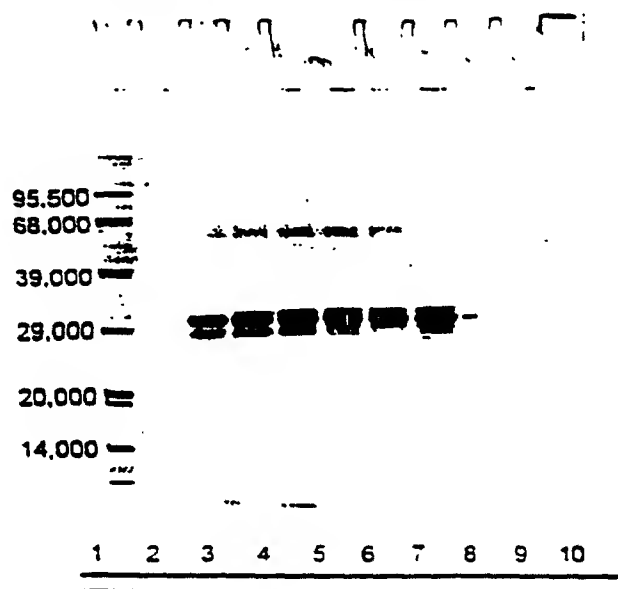


FIGURE 18A

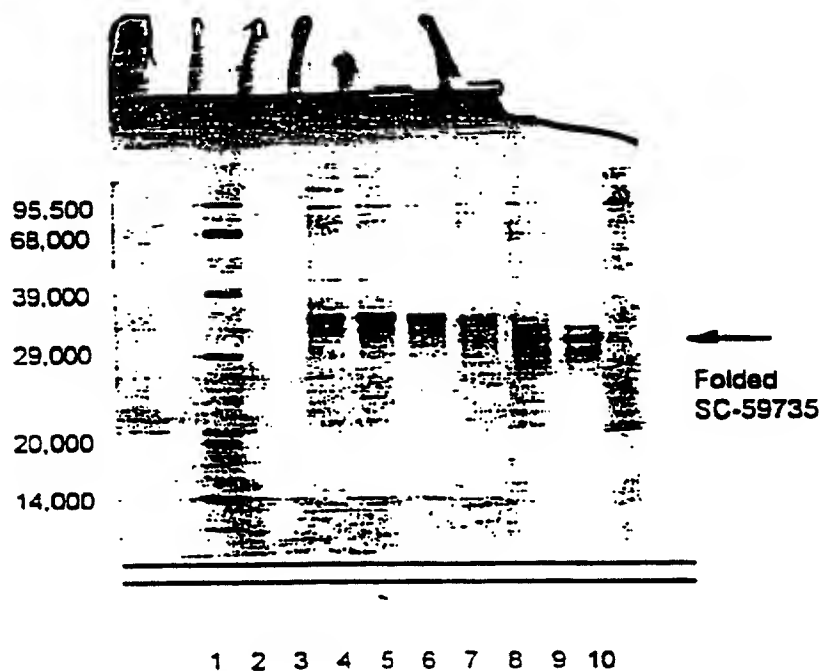
Non-reducing SDS-PAGE analysis of Q-Sepharose fractions.



Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Fraction 20
4	Fraction 21
5	Fraction 22
6	Fraction 23
7	Fraction 24
8	SC-59735
9	
10	

FIGURE 18B

Non-reducing SDS-PAGE analysis PEI refold timepoints.



Lane #	Lane Description
1	
2	Molecular Weight Markers
3	
4	T ₀ hour
5	T ₁ hour + cysteine
6	T ₂₀ hour
7	T ₄₈ hour
8	T ₉₆ hour
9	SC-59735
10	

FIGURE 19

Sp-Sepharose gradient elution of PEI refold from run # 195005.

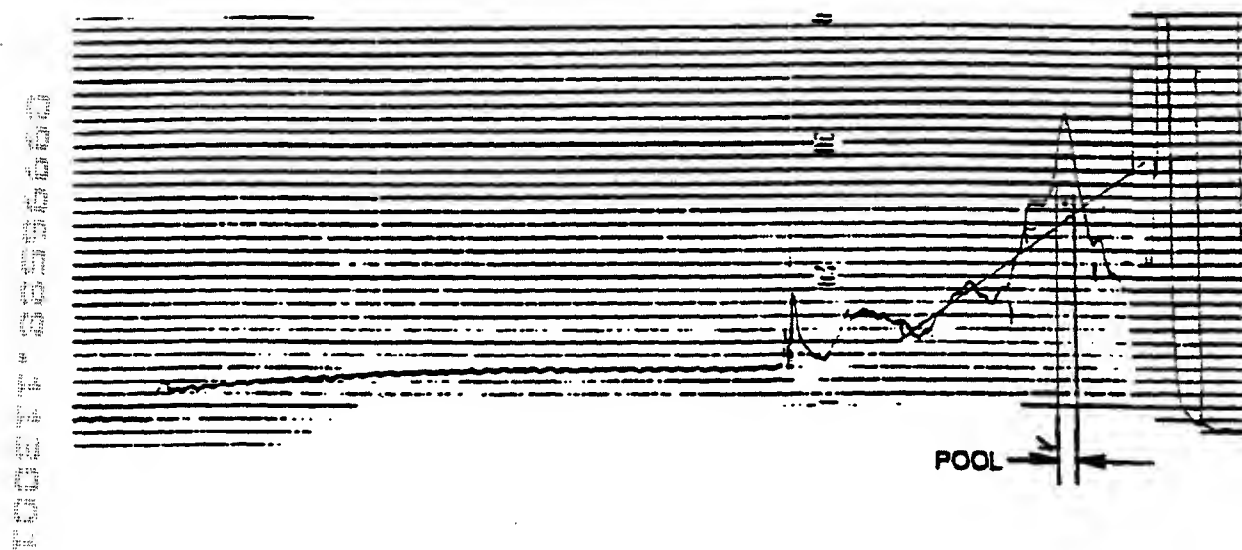


FIGURE 20

Non-reducing SDS-PAGE analysis of SP-Sepharose fractions.

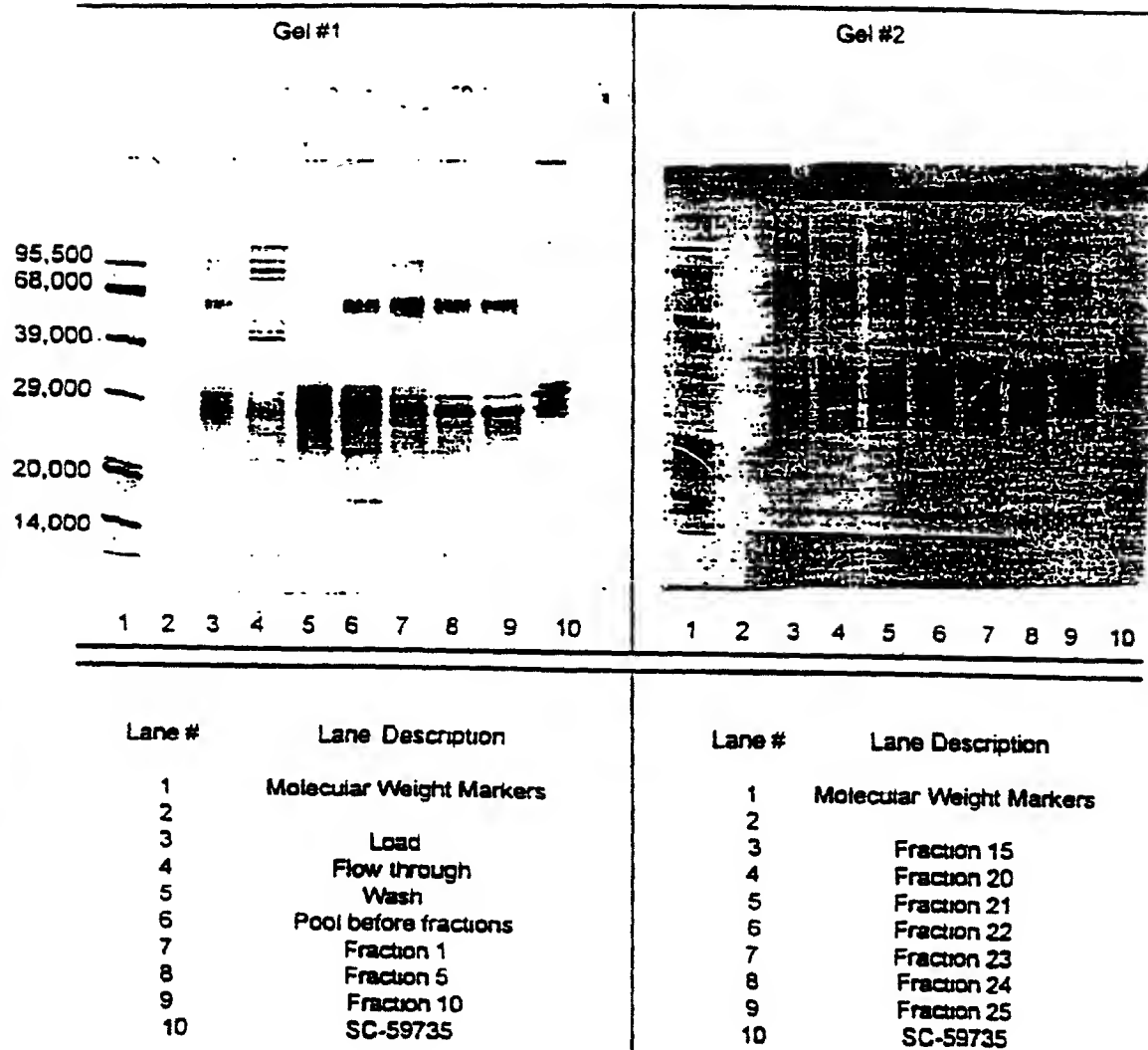


FIGURE 21A

Non-reducing SDS-PAGE analysis of SP-Sepharose fractions.

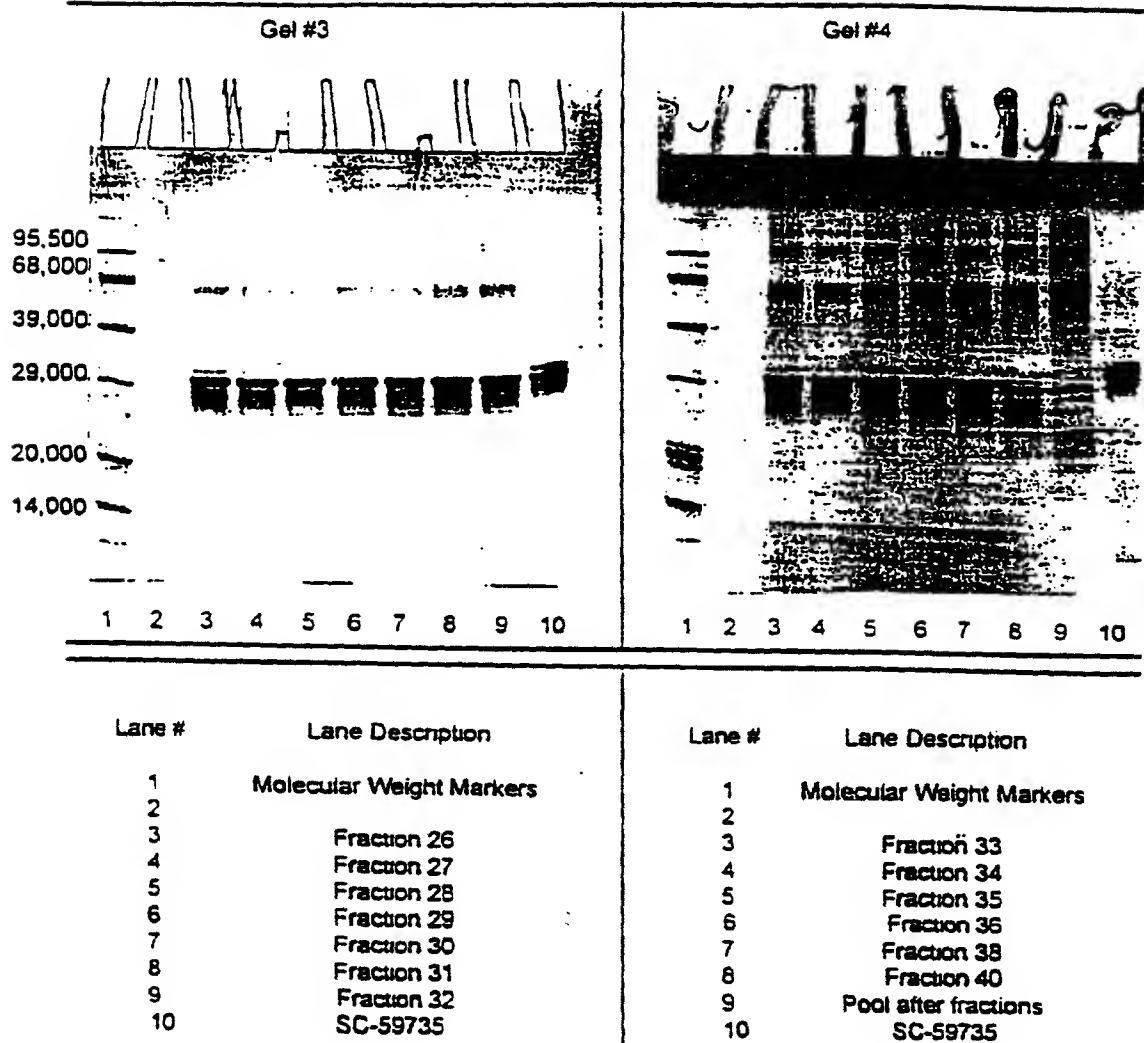


FIGURE 21B

Protein Concentration Profiles of Q Sepharose Elution.

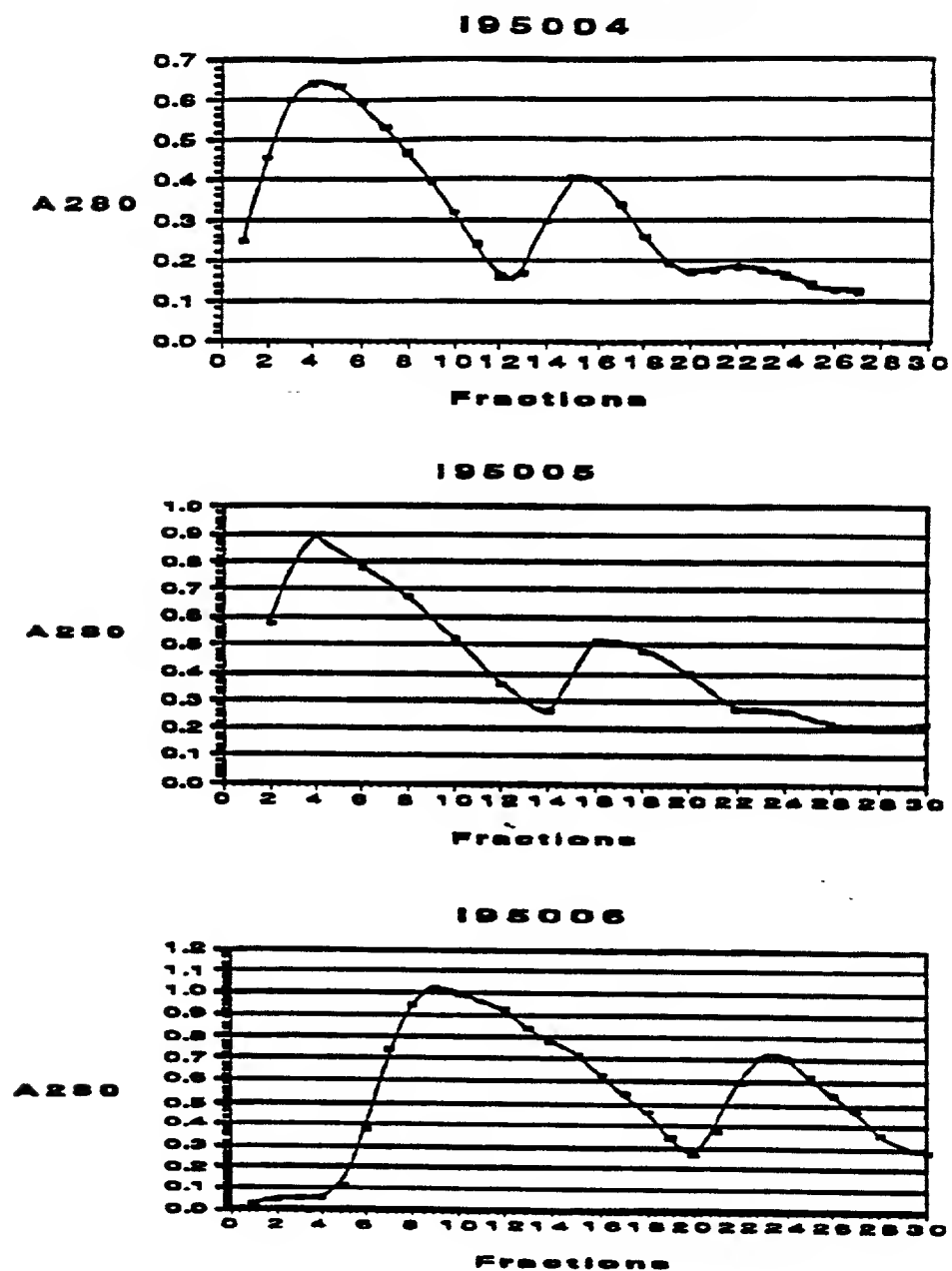
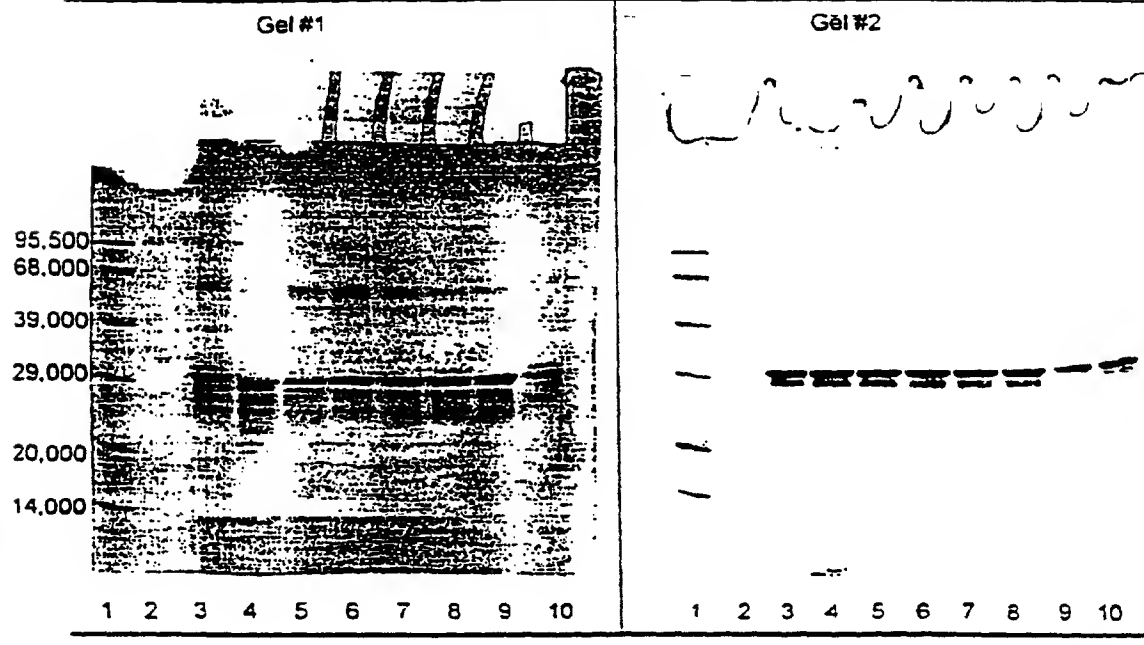


FIGURE 22

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions from Run# 195005



Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Load
4	Flow through
5	Fraction 0
6	Fraction 1
7	Fraction 2
8	Fraction 3
9	Fraction 4
10	SC-59735

Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Fraction 5
4	Fraction 6
5	Fraction 7
6	Fraction 8
7	Fraction 9
8	Fraction 10
9	SC-59735
10	SC-59735

FIGURE 23A

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions from run #195035

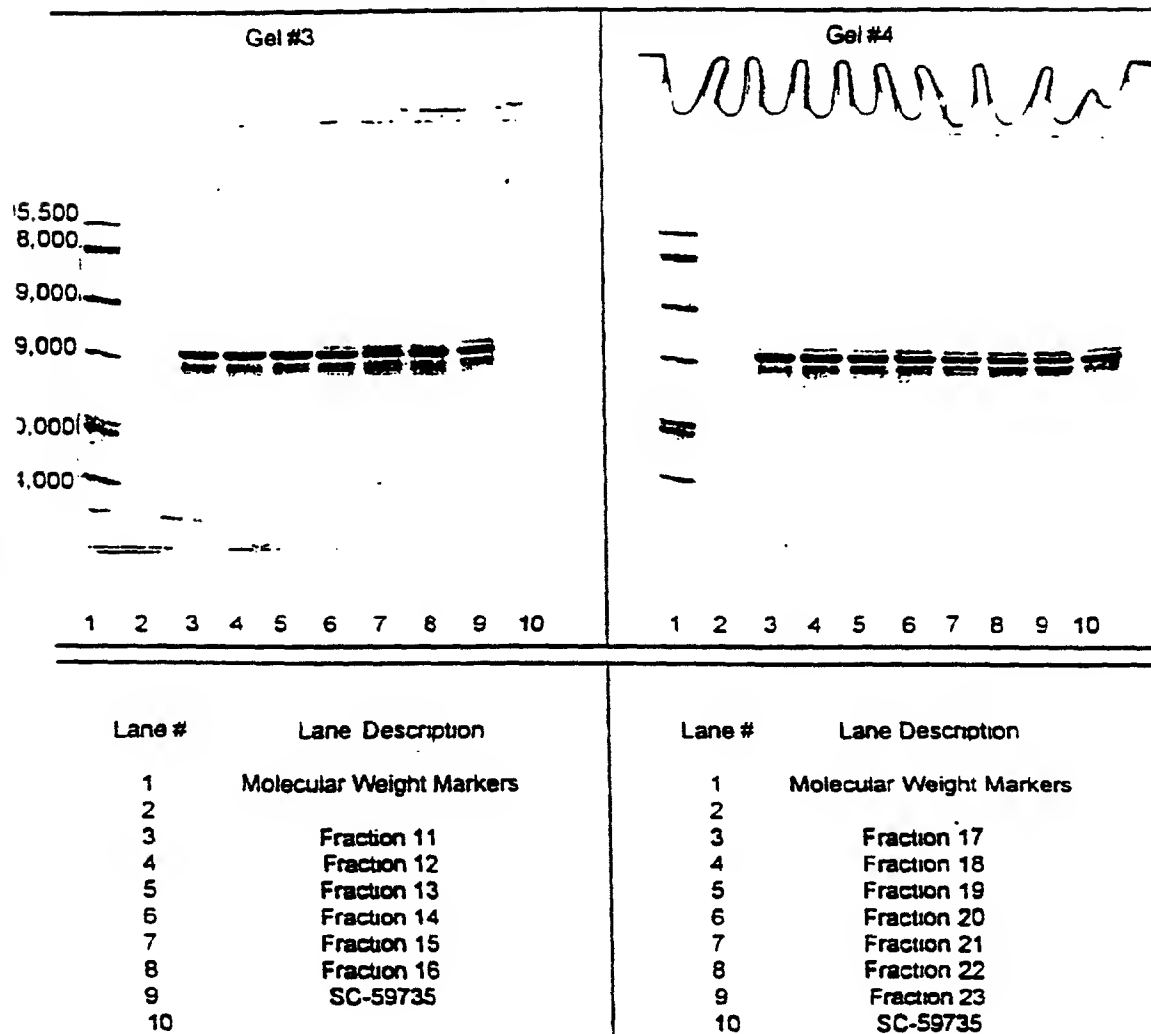
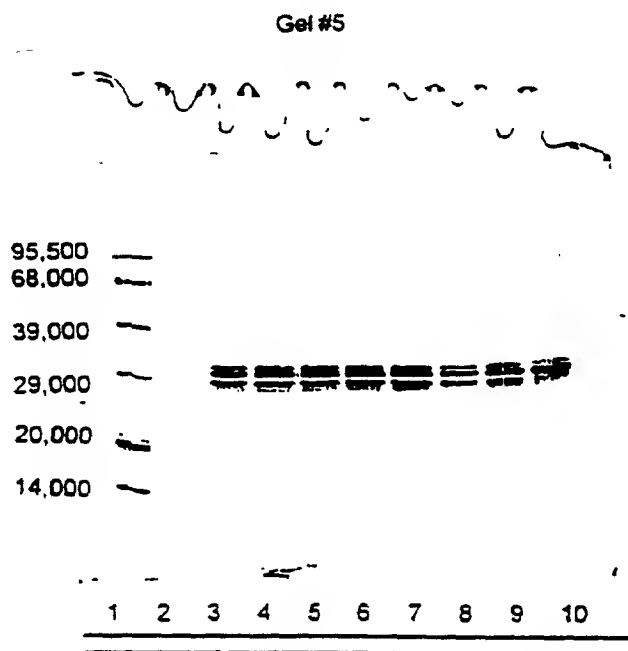


FIGURE 23B

non-reducing SDS-PAGE analysis of Q-Sepharose fractions from run #195005.



Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Fraction 24
4	Fraction 25
5	Fraction 26
6	Fraction 27
7	Fraction 28
8	Fraction 29
9	Fraction 30
10	SC-59735

FIGURE 23C

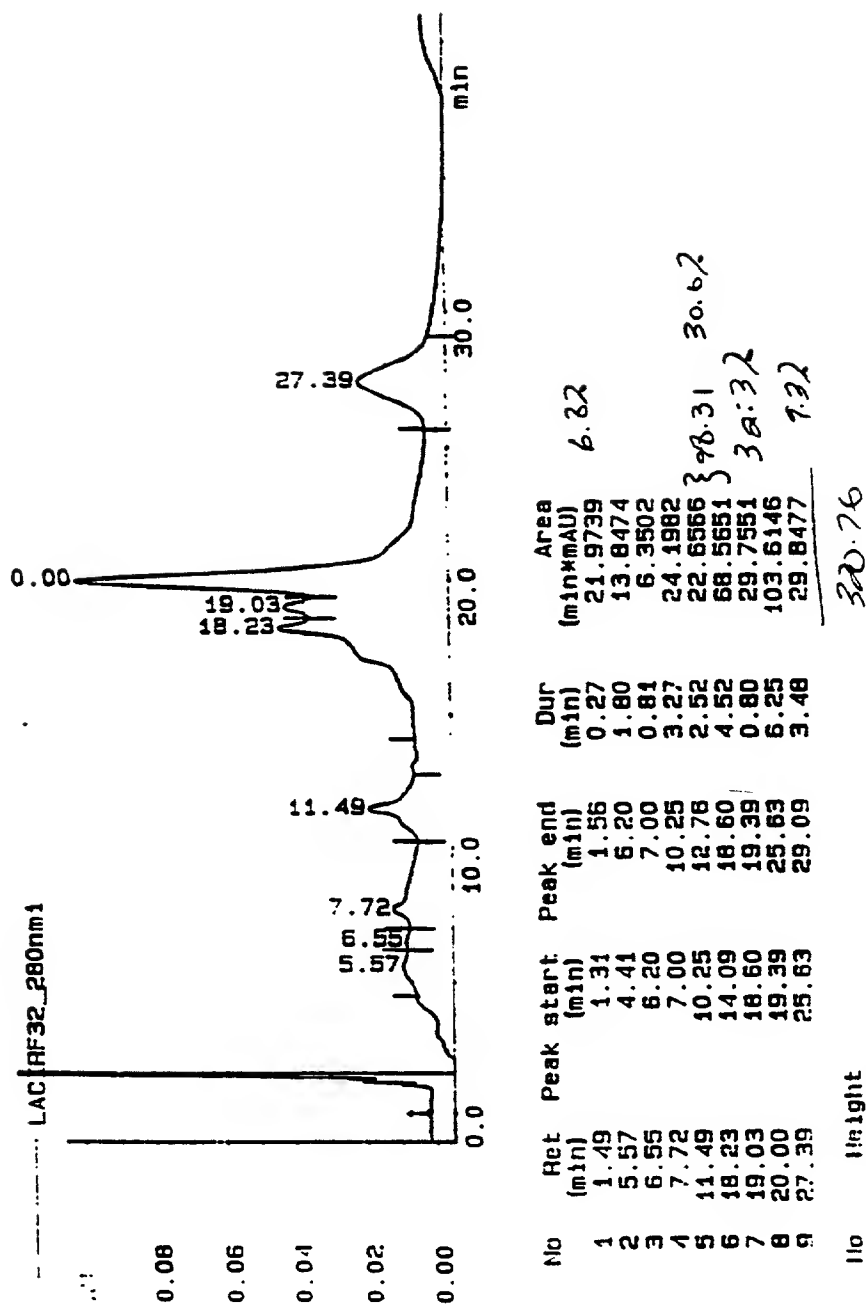


FIGURE 24

Figure 8-2-14 Results of SC-59735 refolding in water with 0.4% polyphosphate.

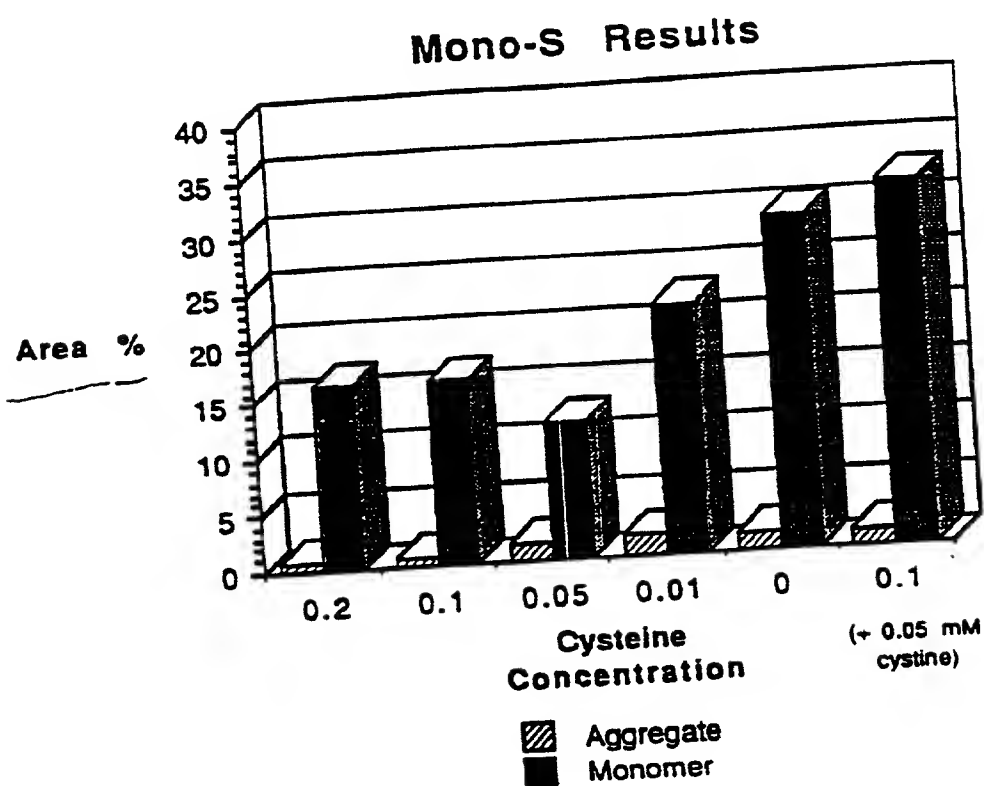


FIGURE 25

Results from experiment evaluating the impact of different polyphosphate chain lengths on SC-59735 refolding.

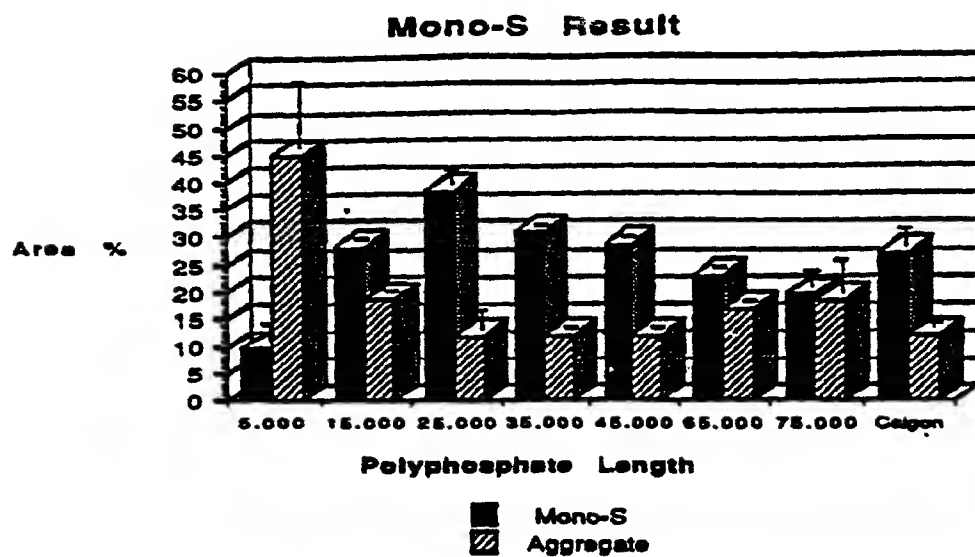


Figure 22 Chain length evaluation expressed as PT.

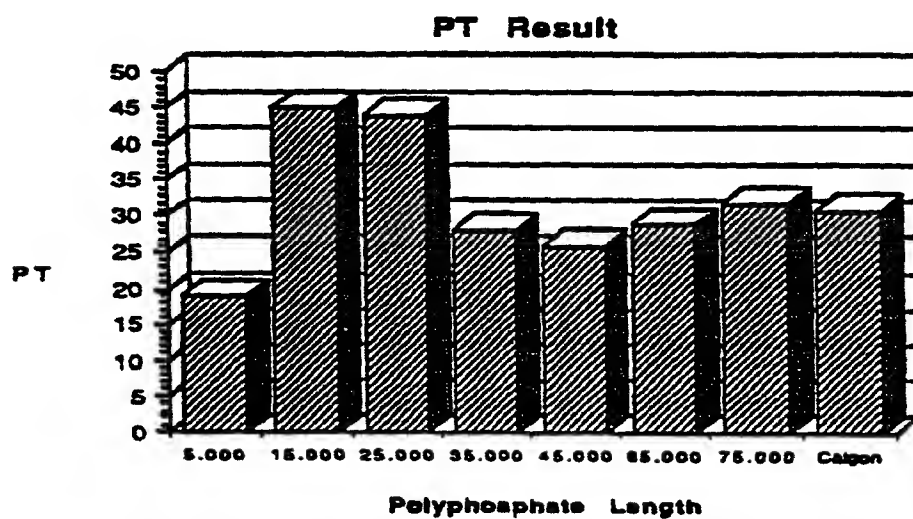
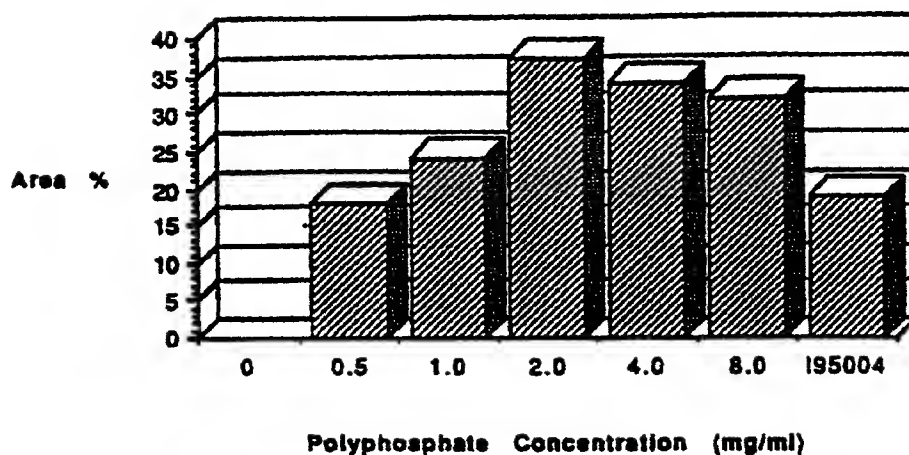


FIGURE 26

Effects of high concentrations of polyphosphate on SC59735 refold.

High Polyphosphate Concentration Mono-S Result



Effects of low polyphosphate concentrations on SC-59735 refolds.

Low Polyphosphate Concentration Mono-S Result

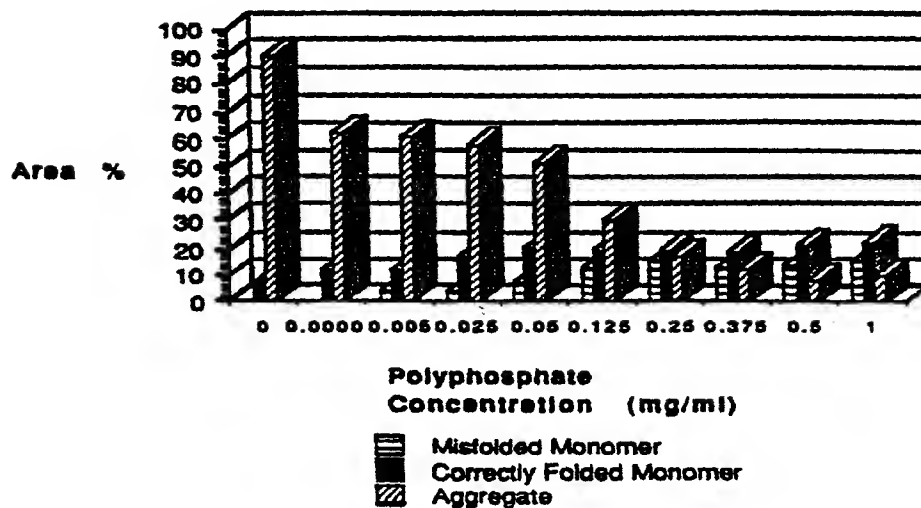
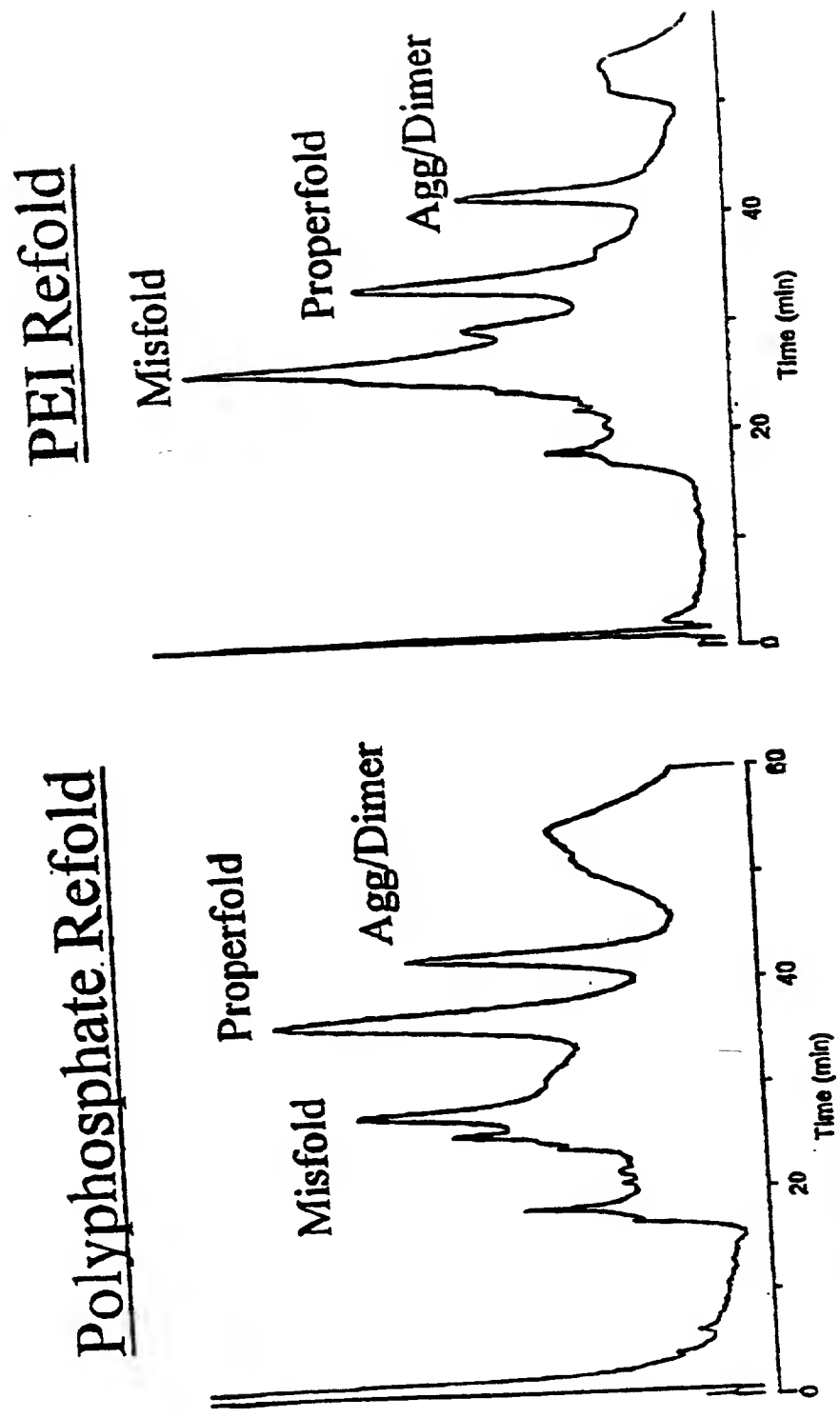


FIGURE 27

Mono-S Analysis of Refolded TFPI



15-20%

30-40%

Refolding Yields:

FIGURE 28